

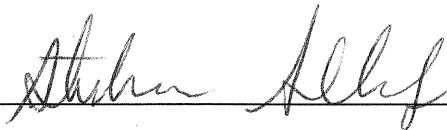
Meeting Minutes  
Plutonium Finishing Plant (PFP)  
Project Managers Meeting  
825 Jadwin/590-A  
October 29, 2015



Date:

December 03, 2015

Project Manager Representative, DOE-RL



Date:

12/7/15

Project Manager Representative, Ecology

Administrative Record	H6-08
JB Borghese, CHPRC	H8-43
TE Bratvold, CHPRC	T5-60
BJ Dixon, CHPRC	T5-60
GR Konzek, RL	A6-38
E Laija, EPA	A3-46
SM Mortensen, Ecology	H0-57
SN Schleif, Ecology	H0-57
TK Teynor, RL	A6-38

The Minutes from the September 3, 2015 meeting were approved and will be placed in the Administrative Record. The actions from previous meetings were reviewed with status as follows:

Action	Actionee	Status
Parties to meet informally to discuss what constitutes completion of M-083-00A.	RL	The Parties agreed to leave the action open until TPA change notices are completed for the RAWP, EPC, and SAP to accommodate removal of some slabs.
RL to share information on the air dispersion model and discuss relocation of near facility monitors with WDOH.	RL	The next version of the air dispersion model is expected to be issued in November. A meeting will be scheduled at that time to share the model predictions and potential impact on ambient air monitors in the vicinity of PFP.
RL to provide a copy of the Field Execution Schedule to Ecology.	RL	The action was completed on 10/22/2015.
RL to provide a copy of the PFP Demolition Plan to Ecology	RL	The action was completed on 10/22/2015.

Mr. Teynor announced that Glenn Konzek has been appointed to be the PFP Deputy Project Director.

The PFP Milestone Status (Tom Teynor, RL).

- M-083-44, *Complete significant progress on deactivation and removal of 208 gloveboxes and disposal of all 236-Z pencil tanks in preparation for demolition.* 09/30/2015 (Complete)

This milestone has been completed. (See DOE letter 15-AMRP-0334 dated September 22, 2015 and Ecology letter 15-NWP-180, dated October 5, 2015.)

- M-083-24-T01, *Submit Revision 0 of the PFP Complex Surveillance and Maintenance (S&M) Plan to Ecology.* 06/30/2016 (On Schedule)

Development of the S&M Plan is on schedule.

- M-083-00A, *Complete PFP Facility transition & selected disposition activities. Completion of this major milestone includes the following key elements: 1) completion of all activities necessary to achieve end point criteria established through Milestone M-83-20 for placing the PFP facility in a safe and stable S&M mode, 2) completion of all activities described in the approved M-83 series interim milestones and target date; and 3) completion of the balance of PFP selected disposition activities pursuant to the final action memoranda and work plans. Also see "description/justification" contained in change form M-83-01-03.* 9/30/2016 (At Risk)

Draft TPA Change Notices for 3 environmental documents are being developed to accommodate removal of the building slabs for 236-Z and 242-Z. The final drafts of the change notices for the Removal Action Work Plan and for the End Point Criteria are ready for management review. Two copies of the final drafts were provided to Ecology during the meeting. (A copy was also provided to EPA following the meeting.)

The Parties agreed that a standalone Sampling and Analysis Plan (SAP) would be appropriate for the slab removal work. Work has been initiated on the SAP with the next meeting of the Working Group scheduled for Wednesday, November 4, 2015.

## Project Progress, Issues, Concerns, and Challenges (Tom Teynor, RL)

**234-5Z Plutonium Finishing Plant.** Good progress is being made on glovebox HA-9A. Work is about 33% complete. The top level of the glovebox has been removed and size reduced. Other work at 234-5Z has been delayed due to a number of issues:

- A regulator pin on an air compressor stripped resulting in the stoppage of air flow to personnel in level B suits within 242-Z. Personnel exited safely utilizing their 5-minute emergency bottles with no contamination spread. Two new regulator replacement parts have been ordered and are expected to arrive next week; one for the air compressor supporting 242-Z work and one for the air compressor supporting 234-5Z HA-9A in-situ size reduction work.
- An ammonia-like smell was observed by a worker on October 15, 2015 during product transfer line size reduction work within the duct level of 234-5Z. Upon further review a stop work was issued and a more detailed investigation started. Corrective actions are in progress (e.g., respiratory equipment will be checked and fitted with appropriate chemical cartridges) to allow work to re-start next week.
- A continuous air monitor (CAM) alarm went off in the A-Line Control Room while personnel were observing the work on glovebox HA-9A. Personnel were not wearing respirators due to the fact the area had been down-posted from an airborne radiation area. Three workers were decontaminated and bioassay tests are being performed.
- Workers found a small amount of liquid material in a ventilation system.

**236-Z Plutonium Reclamation Facility.** Work in 236-Z continues to focus on cleaning of the floor pans in the canyon. The contents of Pan J were different in appearance from the contents of other pans. Due to concerns over radiological conditions, an additional amount of fogging agent (ETGS) was applied to the material. Two days later, workers noted that a reaction had taken place in one of the material transfer trays resulting in a foamy froth. There were no worker exposures as workers were in self-contained breathing apparatuses. Industrial hygiene monitoring did not detect volatile organic compounds, flammable gases, or other off-gases of concern. As a precaution, all previously packaged waste from PRF floor pans was quarantined (47 drums). The seven drums containing waste from pan J were brought back into the PRF canyon for inspection of the contents to see if any reaction was noted. An independent PhD chemist was brought in to assist with the investigation. Currently it is believed that glycerin in the fogging agent reacted with nitrates in the waste. Photos reviewed at the meeting are attached.

The gamma camera scans using equipment from Savana River started September 5<sup>th</sup> and continued for about one week. The scans confirmed that contamination is distributed in a fairly uniform manner on the walls. Additional NDA shots will be taken and Germanium detectors will be used to look for hot spots. Rough decontamination has been completed on all 15 of the floor pans. Decontamination is continuing and levels have dropped from counts in the millions to typical counts of 12,000 dpm/100cm<sup>2</sup>. After completion of work on the floor pans, it is proposed that a layer of grout be applied to the canyon floor to further fix and reduce contamination levels and facilitate further decontamination of the walls. A presentation on the proposal to the RL Manager is scheduled for November 24<sup>th</sup>.

**242-Z Americium Facility.** Work continues on the W1-W6 tanks. The tanks are being inspected and prepared for removal during demolition.

Ecology Topics (Stephanie Schleif, Ecology).  
No additional topics were identified.

### Meeting Summary

- There were no approved changes signed off in accordance with section 12.2 of the TPA action plan.

- No new actions were identified.

Next Meeting Date and Location

- The next Project Managers Meeting is scheduled for December 3, 2015 at 3:30 p.m. in the Federal Building.

**PFP Project Managers Meeting  
825 Jadwin/590-A**

**October 29, 2015  
ATTENDANCE LIST**

Name	Organization	Phone Number
1. Bill Cox	PFP/CHPRC	372-9345
2. Glenn R. Konzel	DOE-RL	376-8399
3. Stephanie Schlef	Ecology	372-7929
4. Thomas (Tom) Teynor	DOE-RL	376-6363
5. Brian Dixon	CHPRC	376-7053
6. Jane Boeghese	CHPRC	373-3804
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